

Figure 1

Scheme 1. Preparation of acyclic arrays

$$SO_{2}Ph \qquad Li^{+}SO_{2}Ph \qquad E = SMe$$

$$4.2 \qquad -Me \qquad 4.3 \qquad -Me \qquad -Me \qquad -Me$$

$$4R = H \qquad 4.1 \qquad 6R \qquad OR \qquad OR$$

$$4R = H \qquad 4.1 \qquad 4LI_{2} \qquad R = Li \qquad \alpha/\beta = 10 \qquad \begin{cases} 14\alpha \qquad R = E = H, \ Me = \alpha \qquad 16\alpha \\ 14\beta \qquad R = E = H, \ Me = \beta \qquad 16\beta \end{cases}$$

$$5R = TBS \qquad 5Li \qquad R = TBS \qquad \alpha/\beta = 0.05 \qquad \begin{cases} 15\alpha \qquad R = TBS, \ E = H, \ Me = \alpha \qquad 17\alpha \\ 15\beta \qquad R = TBS, \ E = H, \ Me = \beta \qquad 17\beta \end{cases}$$

Scheme 2. Initial sulfenylation attempts.

Figure 1. Evaluation and impotance of the sulfur atom for this synthesis.

